IN THE DETAILED DESCRIPTION OF THE INVENTION

Please replace the paragraph beginning on page 7, line 9, and ending on page 8, line 1, with the following replacement paragraph, which includes the appropriate marking to show the changes to the paragraph (correction of reference number mistakes):

Sleeve 24 includes holes 34 that allow fluid to pass from the passageway 28 to an outlet passage 36. A spring 32 applies a balancing force to the spool 26, opposing the force created by the fluid flow on spool ~~32~~ 26 entering from the port 27. The differential pressure across the spool 26 is defined as the input pressure of port 27 minus the outlet pressure in outlet passageway ~~28~~36. If the differential pressure across spool ~~32~~ 26 increases, the spool ~~32~~ 26 is urged against the spring pressure and the electromagnetic force to be discussed below. As the spool 26 is so urged (downward in the orientation shown in FIGURE 2) by the increasing differential fluid pressure, the holes 34 begin to close off, and fluid flow out of the valve 20 is thereby reduced, subsequently reducing the flow through orifice 30. This action restores the force balance on the spool, therefore maintaining a substantially constant flow through orifice 30, substantially independent of inlet or outlet pressures. Conversely, if the differential pressure is reduced, the spool ~~32~~ 26 moves upward, thus opening the holes 34 more widely and increasing the flow out of the valve 20, subsequently increasing the flow through orifice 30, and therefore maintaining a substantially constant flow through orifice 30, substantially independent of inlet or outlet pressures.